APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

(FDD 20644)

Photographic Detection in the Infrared According to Czerny's Method (Evaporography), by H. Gobrecht, W. Weiss 17 pp.

GERMAN, per. Zeitschrift fuer Angewandt. Physik, Vol V, No 6, 1953, pp 207-211.

CIA/MDD/U-5776
SCA 62-10425

EEur - Germany
Sci - Physics, infrared

13,135

Apr 54 CTS

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Operation and Use of a Double X-Ray Flash Tube, by G. Thomer.

GERMAN, per, Z. fuer Angewandte Physik, Vol V. No 6, 1953, pp 217-221.

CSIRO

Sci - Phys

Mar 62

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Neutron Dosimetry, by B. Hens, 10 pp.

GERMAN, per. Zeit angew. Phys. Vol V, 1953, pp 297-302.

AEC/CRA-Tr-A203

Sci -
Mar 59

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Kronenberg, Klaus J.
INVESTIGATIONS ON AGING PROCESSES IN PERMANENT MAGNETS. [1961] 21p. (14 figs. omitted) 17 refs.
Order from SLA $2.60 62-10572

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1953, v. 5, no. 9, p. 321-329.

DESCRIPTORS: *Magnets, Aging, Reliability.

(Physics--Magnetism, TT, v. 7, no. 9)

62-10572

I. Kronenberg, K. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Enrichment of Heavy Water by Fractional Distillation, by W. Ehrenberg, H. Jaffke, 5 pp.

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Orig. per, Zeitschrift fur angewandte Physik, Vol V, No 10, 1953, pp 375-376.

S.L.A. Tr 43/1956

Scientific - Physics

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Model Tests on Ball Lightning, by H. Bauer, 30 pp.

GERMAN, per, Z fuer Angewandte Physik, Vol V, 1953, pp 441-450.

AEC/ECL-T-228

Sci - Geophys

May 59

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High Vacuum Disruptive Discharge and its Application to X-ray Flash Tubes, by E. Funfer.

GERMAN, per, Zeit Angew Phys, Vol V, No 11, 1953, pp 426-440.

T.I.L. T.4562

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Sci - Physics

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Constructional and Technical Properties of High-Vacuum X-ray Flash Tubes, by W. Schaaffs, K. H. Hermann.

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TPA3/TIB T 4419

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EEur - Germany
Sci - Electronics

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Navy Tr 1209/NRL 523

Scientific - Physics
CTS 70/Jul 55

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Measurement of Pressure With Pirani-Manometer, by Klaus-Dieter Mielenz.

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Sci - Phys
Jul 62

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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The Evaluation of Ionospheric Observations,
by G. Gravert.
GERMAN, per, Zeitschrift fur Angewandte Physik,
Vol 6, No 3, 1954, pp 136-145.
*NASA TT F 13,292

sci/earth sci
oct 70

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Effect During Intermittent Evaporation of the Tungsten Anode of a Flash X Ray Tube by
K. Hermann, et al.
per. Z. Angewandte Physik
Vol VI No 4 1954 pp 154-156.

CSIRO

Sci Phys
May 62

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Destruction of the Luminescence of Cathode
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By K.N.J. Rottgardt.
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*FTD-TT-65-1188

Sci - Elec
Mar 66 297,567

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Optische Untersuchungen bei der Adiabatischen Verbrennung von Festen Treibmitteln, by Fritz Rossler,
GERMAN,
[redacted], per, Z fuer Ange Physik, 1954, pp 175-182.

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R-393-N

Oct 60

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Application of Intense Corpuscular Beams for the Excitation of Gases, by A. E. Grun, E. Schopper, B. Schumacher, 4 pp.

GERMAN, per, Z. angew. Phys., Vol 6 VI, 1954, pp 198-200. Avail from Assoc Tech Serv Tr No 8448, East Orange, N. J.

AEC Tr 2072

Scientific - Physics Mar 55 CRS/DMK

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Charge Carrying Instrument as a High Ohmic
Resistance, by W. Kossel, F. Leonhard,
P. Volk,

GERMAN, per, Z.angew Phys., Vol VI, no 5, 1954,
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TPA3/TIB T4536

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Sci Physics

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On the Afterworking Theory of Elastic Relaxation,
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pp 215-217.

M.O.T.E. Tr OT/1443

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Sci - Physics

AS 48 GR. 57

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

R-361-N

Article by Fritz von Rossler

GERMAN, per, Z fuer Angewande Physik, Vol VI, No 5, 1954, pp 229-231.

*JPRS for ARGMA

Sci - Nuc Phys; Space Res

27 Jul 60

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Effect of Cathode Sputtering Under High Vacuum on the Rectification Effect of Germanium, by H. Baldus, 11 pp.

GERMAN, per, Z. Angew Phys, Vol VI, No 6, Jun 1954, pp 241-246. (Loan Copy Only)

SIA 57-3009
ATS/386-GJ

Sci

Aug 56

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Straubel, Harold.
THE ELECTROSTATIC ATOMIZATION OF LIQUIDS. Preliminary Report. [1962] 6p. (7 figs. omitted) 2 refs.
Order from SLA $1.10 62-16631

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1954, v. 6, no. 6, p. 264-267.

DESCRIPTORS: *Electrostatics, *Atomization, Liquids, *Organic compounds, Electron microscopy

The properties of various organic liquids are discussed with regard to the best atomization. It is shown as to how the charged floating particles are applied to model experiments on the electron motion, either in the Braun's tube or in the electron microscope. (Author)

(Chemistry--Physical, TT, v. 8, no. 7)

62-16631

1. Straubel, H.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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On the Electrical Charge in Whirled-Up Dust Cloud Turbulences, by Erwin Bodenstedt, 21 pp. GERMAN, per, Zeitschrift fur Angewandte Physik, Vol VI, No 7, 1954, pp 297-303, 9250402. AEC SC-t-65-757

292,988

Sci-Earth Sci & Astronomy
Nov 65

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Bridge Formation on Arcing of a Heavy
Curent Contact, by W. Schaafs, K. H. Hermann, 8 pp.

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pp 416-417.

SLA 57-1799

May 58

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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On Depolarization Effects in Polycrystalline $BaTiO_3$, by H. Kniepkamp and W. Heywang GERMAN, per, Zeit. Fur Ang. Phys. Vol 6, No 9, 1954, pp 385-390.
MIL Ref: 6180.59 (1625)

Sci-Chemistry
July 60

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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About Electrets From Naphthalene and the Origin of Its Unmocharging, by Wolfgang Baldus, 19 pp.

GERMAN, per, Zeit fuer Angew Physik, Vol VI, Nov 1954, pp 481-489.

S.L.A. Tr 414/1956

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Sci - Solid Physics

Jun 1956

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Riezler, W. and Hardt, L.
TEMPERATURE MEASUREMENT OF GRINDING SPARKS. [1957] 9p. (Engl. of Arch. f. Phys.)
Order from SLA $1.10 62-16540

Trans. of Z[eit]schr[ift] f[ur] Angew[andte] Physik (West Germany) 1954, v. 6, p. 497-499.

DESCRIPTORS: *Steel, Machining, *Sparks, *Temperature, Grinders, Electron multipliers, Black-body radiation, Thermal radiation, Measurement.

(Physics, TT, v. 9, no. 3)

62-16540

I. Riezler, W.
II. Hardt, L.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Imaging Of Molecular Specimens With the Field-Emissien Electron Microscope by P. Wolf.

GERMAN, per, Zeitschrift Fur Angewandte Physik, Vol VI, No 12, 1954, pp 529-535.

CSIRO

Oct. 62

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The Photoelectric Properties of Evaporated Cadmium Sulfide Layers, by W. Veith.

GERMAN, per, Z Angew Phys, Vol VII, No 1, 1955, pp 1-7.

ATS 288-GJ

HTS-61-1736

Sci
Nov 59

109,417

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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GERMAN, per, Zeitschrift fur Angewandte Physik, Vol VII, No 1, 1955, pp 12-13, 92:30319.
AEC SLAC-tr-21

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Sci-Phys
Nov 65

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Electron Avalanche and its Development into the Self-sustained Discharge, by H. Raether, 25 pp

GERMAN, Z. Angew Phys, Vol VII, 1955, p 50-56.

SLA 3451

Sci

Jul 58

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The Variation of the Viscosity of Water with Temperature between 0° and 40°C (32° and 104°F), by W. Weber.

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ASTIB-GB17

Sci

Aug 58

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(FDD 26856)

. Contribution to the Theory of Binaural Hearing, by Otto Schaefer, Hebert Schlitt, 14 pp.

GERMAN, mo per, Zeit fuer Angewandte Physik, Vol VII, No 4, Berlin/Heidelberg, 1955, pp 165-168.

CIA/FDD/U-7831

Sci - Physics, acoustics, physiological

32,592

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Optical Stress Measurements of Glass to Metal Seals at Elevated Temperatures, by H. Herrmann, 5 pp.

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ACSIL Tr No 1251

165, 446

Sci - Phys

Aug 61

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Physical Processes in Diffusion and Ejector Pumps. I. The Flow Properties of the Driving Jet and the Backing-Vacuum Critical Pressure, by Moller Hans-George, 36 pp.

GERMAN, per, Z Angew Phys, Vol VII, 1955, pp 218-225.

AEC/Bp Tr 238

Sci - Phys

Aug 59

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Physical Processes in Diffusion Pumps and Ejector Pumps. II. The Intermixing of Air and Operating Vapour, and Pumping speed, by H. G. Moller, 13 pp.

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AEC-tr-2413

Sci - Phys
Sep 59

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The Physical Processes in Diffusion and Ejector Pumps. III. Comparison of Observed and Theoretically-Obtained Flow Diagrams, by Horst Kutscher. 20 pp. GERMAN, per, Zeits. fur Angewandte Physik, Vol 7, No 5, 1955, pp 229-234.
OTS TT-59-19388
AEC-NP-tr 244

Sci/Mechan, Indust, Civil
& Marine Engr
Jun 67

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Physical Processes in Diffusion and Ejector Pumps. IV. A Method of Pressure Measurement in Supersonic Vapour Flow at Low Pressures, Its Results andComparison With Flow Diagrams, by Horst Kutscher, 15 pp.

GERMAN, per, Z fuer Angew Physik., Vol VII, 1955, pp 234-240.

AEC/NP Tr 839

Sci - Phys

Aug 59

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Hübner, Hans-Joachim.
MEASUREMENT OF THE SURFACE TEMPERATURE OF GLASSES WHICH HAVE BEEN HEATED BY RADIATION. [1962] 24p. (figs. omitted) 9 refs.
Order from SLA $2.60 62-18277

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1955, v. 7, no. 6, p. 273-279.

DESCRIPTORS: *Glass, *Surface temperatures, Measurement, Heat, Thermal radiation, *Light globes, Lighting equipment, Incandescent lamps, Heat transfer, *Optical analysis, *Blackbody radiation, Reflection, Thermionic emission.

For measurement of surface temperature (S. T.) of glass bulbs in lighted electric lamps we have developed an optical method which depends on comparison of the spectral radiation density of the measured position on the bulb and that of a black body of known temperature (Materials--Ceramics TT, v. 9, no. 3) (over)

62-18277

I. Hübner, H.-J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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The Physical Processes in Diffusion- and and Ejector-Pumps. III. Comparison of Observed and Theoretically Obtained Flow Diagrams, by Horst Kutscher, 20 pp.

GERMAN, per, Z Angew Phys, Vol VII, 1955, pp 299-234.

AEC-tr-1944

Sci - Phys
Sep 58 59

96,068

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Present Status of Photoelectric Research, by Werner Kluge, 20 pp.

GERMAN, per, Z Angew Phys, Vol VII, No 6, 1955, pp 302-311.

AIC UCRL-Tr-570(L)

Sci - Phys
21 Feb 61

140,913

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Concerning Hardness of Glass Surface, by
E. Bruecke, G. Schimmel.
GERMAN, per, Zeit fuer Angew Physik, Vol
7, No 8, 1955, pp 378-385.
NTC 69-12534-11B

Sci-Mat
Aug 69

389,404

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Light Emission From High Vacuum Gas Discharges, by K. H. Reiss

XXXXX GERMAN, per, Zeit Angew Phys, No-7, 1955, Vol VII
pp 433-4XX 437.

SLA 57-2775
AIC Tr 2429

Scientific - Physics
Apr 56 CTS/dex

33,960

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Report on Record Investigations on Graphite,
by R. Arnold.

GERMAN, mo per, Z fuar Angew Phys, Vol VII,
No 9, 1955, pp 453-460.

AERE Harwell Tr 689
DSIR Tr 1524
SLA 59-930

Sc1 - Min/met
Sep 57

53,141

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Visual Displays of X-Ray [illegible]
vision Camera Tube Which Responds to X-Rays, by
M. Keller, M. Ploke, 18 pp.
GERMAN, per, Z fur Angewandte Physik, Vol VII,
No 12, 1955, pp 562-571.
ATS-08Q70G

Sci-Phys
March 64

252,107

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Contact Resistance and Contact Surface,
by K. Millian, W. Reider.
GERMAN, per, Zeit Angew Phys, Vol 8,
1956, pp 28-34.
NLL Ref: 9022.09 (4962)

Sci-Mat
May 69

380,675

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

On the Mode of Operation of Voltage Dependent Silicon Carbide Resistors, by K. Zuckler, 29 pp.

GERMAN, per, Z. Angew Phys, Vol VIII, No 1, 1956, pp 34-40.

SLA 57-3057

71,038

Sci

Aug 58

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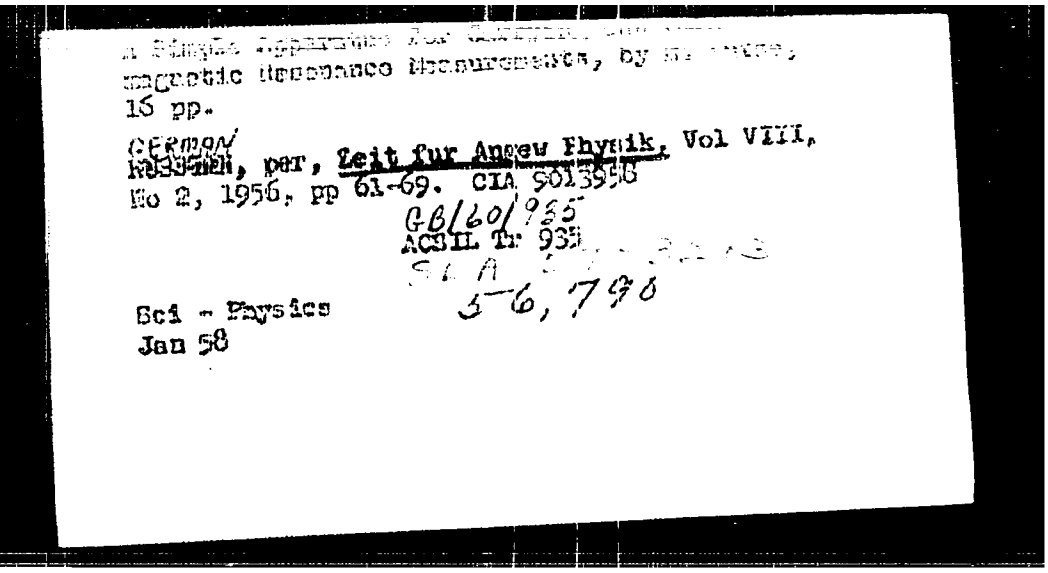
APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2



A Simple Apparatus for Electron ... Magnetic Resonance Measurements, by H. ...
16 pp.
GERMAN
Russian, par, Zeit fur Angew Physik, Vol VIII,
No 2, 1956, pp 61-69. CIA 5013596

GB/60/935
ACSIL Tr 935
SLA
5-6, 790

Sci - Physics
Jan 58

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Hyperbolic Field Tube: A Cathode Ray Tube for Multiplication in Analogue Computers, by W. Schmidt.

GERMAN, per, Z Angew Phys, Vol VIII, No 2, 1956, pp 69-75.

RAE Farnsborough Tr 646

Sci - Electronics
Nov 57

55, 351

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Absorbers for Electromagnetic Centimeter Waves and Their Accustic Analogues, by Erwin Meyer, Hans Severin.

GERMAN, per, Z fuer Ange Physik, Vol VIII, No 3, 1956, pp 105-114.

*NRL Tr

Sci - Electron

Oct 57

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

A Relationship Between Hysteresis Coefficient and Permeability, Part III, Ferrite Nuclei With Rectangular Loop, Part IV, Influence of the Coercive Force, by M. Kornetzki, 19 pp.

GERMAN, per, Z Angew Phys, Vol VIII, 1956, pp 127-135.

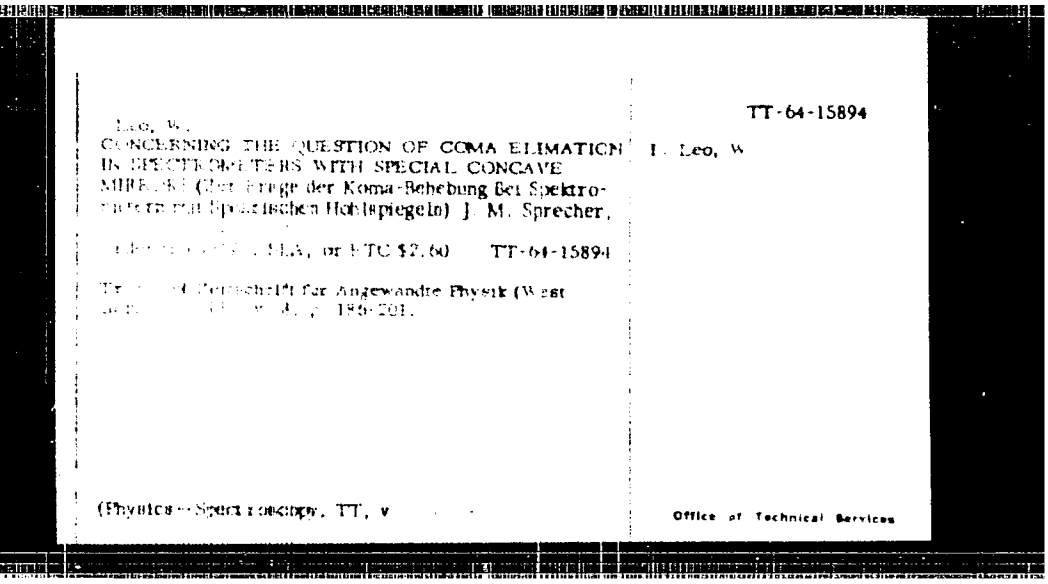
AEC/SCL Tr 139

53 5-44

Sci - Physics
Oct 57

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2



Leo, W.
CONCERNING THE QUESTION OF COMA ELIMATION IN DIRECTLY-DRIVEN MIRRORS WITH SPECIAL CONCAVE MIRRORS (Zur Frage der Koma-Behebung bei Spektrographen mit Sphärischen Hohlspiegeln) J. M. Sprecher, [illegible]. 5 pp. U.S.A. or F-TC $2.60 TT-64-15894

[illegible] Zeitschrift für Angewandte Physik (West [illegible] v. 8, p. 198-201.

(Physics--Spectroscopy, TT, v [illegible]

TT-64-15894

I. Leo, W

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Elimination of the Coma With Spectrometers Having Spherical Concave Reflectors, by W. Leo.
GERMAN, per, Z fuer Angewandte Physik, Vol VIII, No 4, 1956, pp 196-201.
CSIRO No 6450

Sci - [redacted] Phys
Apr 6[illegible]

257,278

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Accurate Determination of Lattice Constants, by H. Meyerer. UNCLASSIFIED

GERMAN, per, Z Angew Phys, Vol VIII, No 4, 1956, pp 202-205.

Fulmer Res Inst, Ltd
Tr 107
OT/2925

Sci - Phys
Jul 58

67,259

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

On the Behaviour of AC Arcs in Vacuo,
by G. Muller.

GERMAN, per, Z. fuer Angewandte Physik,
Vol VIII, 1956, pp 234-237.

ASLIB GB 10/MB 1538

Sci - Phys

192,065

Apr 62

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Dielectric Constant and Permeability of Artificial Dielectrics at 3 cm wavelength,
by E. Meyer, et al.

GERMAN, per, Z. fuer Angewandte Physik,
Vol VIII, 1956, pp 257-263.

CSIRO

Sci - Electron
Aug 62

211, 498

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

An X-Ray Flash Tube for the Production of X-Ray Interferences in One Microsecond, by W. Schaaffs, 7 pp.

GERMAN, per, Zeit fur Angewandte Physik, Vol VIII, No 6, 1956, pp 299-302. (9207963)

A.C.S.I.L. Tr 1525

Sci - Phys
Jun 63

235,054

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Development of the Unfocused Secondary Electron Multiplier, by F. Eckart, 18 p.

GERMAN, per, Z Angew Phys, 1956, Vol VIII, No 6, pp 303-311.

ATE-OOL33G
ATS/396-GJ

105485

Sci
Jan 60
Vol 2, No 8

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

4 π Counter and Measurements for the Absolute Determination of Slight Specific Activities of Radiators Poor in Energy, by Manfred Leistner, 18 pp.

GERMAN, per, Z Angew Phys, Vol VIII, 1956, pp 331-337.

AEC Tr 3275

Sci - Phys

Sep 58

73, 759

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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Investigations of the Suitability of a Liquid Level as Standard Level, by R. Bunnagel.
GERMAN, per, Z. angew. Phys. Vol. 8, No. 7, 1956, pp 342-350
CSIRO/ No. 7935

Sci -
Aug 67

337-210

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Broad-Band Resonance Absorber for Electromagnetic Centimeter Waves, by J. H. Schmitt, 40 pp.

GERMAN, per, Z. Angew Phys, Vol VIII, No 8, 1956, pp372-382.

SLA 58-33

Sci

Jul 59

91,328

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Contribution of Electrons to the Optical Properties of Semiconductors, by E. Groschwitz, R. Wiesner, 15 pp. UNCLASSIFIED

GERMAN, per, Z fuer Angewandte Physik, Vol VIII, 1956, pp 391-395. CIA 9032661

AOSIL 979

Sci - Phys
Oct 58

75, 118

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Mechanism of the Voltage Dependent Contact Resistance of Silicon Carbide, by W. Heywang, 26 pp.

GERMAN, per, Z. Angew Phys, Vol VIII, 1956, pp 398-405.

SLA 57-3455

Sci

72,790

Aug 58

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

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A Light Modulator for Operating Infra-Red Receivers, by R. Kessler. CIA D 9010697

GERMAN, per, Zeit Fuer Angewandte Physik, Vol VIII, No 8, 1956, pp 405, 406.

A.C.S.I.L. Tr 978

Sci - Electronics
Jul 57

49 887

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

On Breakdown Field Strength in Dielectric Liquids of Different Molecular Compositions, by E. Husset, A. Nikuradse, R. Ulbrich, 28 pp.

GERMAN, per, Z Angew Phys, Vol VIII, No 9, 1956, pp 8-15.

SLA Tr 57-1399

Sci - Chemistry
Mar 58

60,001

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Development of hte Microbalance Since 1886, by K. Behrndt.
GERMAN, per. Zeitschrift fur Angewandte Physik, Vol 8, No 9, 1956, pp 453-472.
*NASA TT F-11,159

GOVERNMENT USE ONLY
Sci-Phys
Sept 67

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Limits of Accuracy of Linear Measurement by Interferometry, by R. Landwehr.

GERMAN, per, Z Angew Physik, Vol VIII, No 11, 1956, pp 561-568.

D81R/30532/CT

8c1 - Physics
Feb 58

5-8,836

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Detectability of Faults in the Non-destructive Testing of Steel With High-energy X-Rays, by R. Schittenhelm.

GERMAN, per, Z fuer Angew Phys, Vol VIII, No 12, 1956, pp 569-577.

SCH 57-22
T.I.L. Tr 4777

Sci - Min/met, physics
Jun 57

48, 845

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Influence of Boundary Sharpness and Contrast on the Recognition of Details in Photographs With Special Reference to X-Ray Diagnosis, by R. Roehler.

GERMAN, per, Z fuer Angew Phys, Vol VIII, No 12, 1956, pp 577-580.

DLA 57-3712

T.I.L. Tr 4778

48,846

Sci - Physics
Jun 57

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

An I-T-Diagram of Neon, by Werner Koeppe, 9 pp.
UNCLASSIFIED

GERMAN, per, Z fuer Angew Physik, Vol VIII, 1956,
pp 581-585.

Dept of Commerce
National Bureau of Standards

Sci - Phys
Apr 58

62,398

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Changes of Inductance by Dielectrics, Particularly Plasmas, by Richard Seitner. UNCLASSIFIED

GERMAN, per, Zeit fur Angew Physik, Vol XX, No 2, 1957, pp 65-68.

Navy 1964/ERL 699

Sci - Electronics
Jan 59

79,869

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Sources of Shock-Sound, Bases and Analogy to Explosive Reactions, by F. Fruengel. 5 p. GERMAN, PER, Zeitschrift fuer Angewandte Physik, Vol 9, No 3, 1957, pp 145-147. SLA TT-66-10702

Sci-Phys
Jul 66 306,164

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Determination of the Diffusion Length and Carrier Density in the Inversion Layer From the Forward Characters of Alloy Junction, by A. Herlet.
GOVERNMENT USE ONLY
GERMAN, per, Zeitschrift fur Angewandte Physik, Vol 9, No 4, 1957, pp 155-158.
NASA TT F-11,849

AAEC Lib/TR-27F

Sci
Dec 68

371,069

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Propagation of Slow Electro-Magnetic Waves Along Inhomogeneous Plasma Layers, by MMK Von W. Oehrl, 7 pp.

MMWol, per, Z. fur Angewandte Physik, Vol. IX, No 4, 957, pp 164-171. 9067850

AFCRL Res Lib
E-T-R-G-62-12

214939

Oci - Phys
Nov 62

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Development of Luminescence Dosimeter for X-Rays, by Hans-Ulrich Radke, 7 pp. UNCLASSIFIED

GERMAN, per, Zeit fur Angew Physik, Vol IX, No 4, 1957, pp 180-183.

Navy 2357/NRL 749

Sci - Physics
Nov 59

CIA/FDD X-3486

101, 414

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

An Outline of the Neil Theory of the Magnetic After-Effects of Impurity Atoms, by F . Schreiber.

GERMAN, per, Z. fur Angewandte Physik, Vol IX, 1957, pp 203-212.

GB/48/591

Sci
Dec 62

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Formation of Self-Targets for the Reaction D(d,n)He3 and its Connection With the Problem of Hydrogen Diffusion in Metals, by Klaus Fiebiger, 38 pp.

GERMAN, per, Z Angew Phys, Vol IX, 1957, pp 213-223.

AEC MP Tr 414

Scl - Phys
Jun 60

118,890

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Nonnenmacher, Walter and Schweizer, Lutz.
DETERMINATION OF THE PERMEABILITY OF FERROMAGNETIC MATERIALS FROM THE THERMAL NOISE VOLTAGE OF COILS. [1961] 14p. 8 refs.
Order from SLA $1.60 62-10238

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1957, v. 9, [illegible] 239-245.

DESCRIPTORS: *Ferromagnetic materials, Materials, Permeability, Determination, Coils, Thermodynamics, Noise, Voltage, Ferromagnetism

Both components of the complex permeability of ferromagnetic materials can be measured as function of the frequency without an alternating field from outside having an influence on the testpiece during measurements. To determine the permeability we are using
(Physics--Magnetism, TT, v. 7, no. 9) (over)

62-10238

I. Nonenmacher, W.
II. Schweizer, L.

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

X-Ray Conductivity of Amorphous Selenium Deposits, by R. Eppe.

GERMAN, per, Z. fuer Angewandte Physik, Vol IX, No 6, 1957, pp 261-268. MS

CSIRO

Sci - Phys
May 62

196,443

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Propagation of Initiating Neutrons in a Homogeneous Thermal Reactor, by K. H. Hocker, F. Wagner, 13 pp.

GERMAN, per, Z Angew Phys, Vol IX, 1957, pp 301-305.

AEC NP Tr 496

A 118,884

Sci - Phys
Jun 60

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Importance Function in Reactor Kinetics, by H. Grümm, A. H. Hooker, 32 pp.

GERMAN, per, Z Angew Phys, Vol IX, 1957, pp 305-313.

AEC NP Tr 403 118,883

Sci - Phys
Jun 60

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Chill Casting of Thin, Single Crystal Germanium Plates, by Wolfram Rosenberg, 3 pp.

GERMAN, per, Z Angew Physik, Vol IX, No 7, 1957, pp 347-349.

SLA 59-10741

Sci - Phys
Sep 59
Vol 2, No 1

97,786

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Natural Electrical Oscillations in the Earth-Air Ionospheric Cavity Excited by Lightning Discharges, by W. O. Schumann, 17 pp.

GERMAN, per, Z fuer Angew Phys, Vol IX, Munchen, Aug 1957, pp 373-378.

AFIC F-TS-9960/V

Sci - Phys

Aug 59

T-G-224

94,581

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Needle Counter for the Study of External Electrostatic Fields, by B. Sudak, 11 pp.

GERMAN, per: Zeit Angew Physik, Vol IX, No 8, 1957, pp 404-407.

SLA 59-15023

USASIA SC-47/60

Sci - Electr
Sep 59
Vol 2, No 1

97908

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Ballitis, Eduards.
THE SOUND IMPULSE OF A LIQUID SPARK.
[4 Dec 62] 12p. (figs. omitted) 15 refs.
Order from SLA $1.60 63-10266

Trans. of Zeitschrift fllr Angewandte Physik (West Germany) 1957, v. 9, no. 9, p. 429-434.

DESCRIPTORS: *Sparks, Liquids, *Sound transmission, *Detonation waves, Measurement, *Piezoelectric transducers, Electric discharges, *Underwater sound.

The sound waves which are produced by sparkover in water are investigated by means of a piezoelectric receiver. The properties of the receiving probe are discussed. It could be shown that the electric voltage in the piezocrystal caused by the sound wave is proportional to the mean elastic strain inside the probe. It was found that the pressure increase at the front of

(over)

(Physics--Acoustics, TT, v. 10, no. 2)

63-10266

I. Ballitis, E.

TT-66-10703

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Hinkelmann, Hans.
APPARATUS FOR HIGH-SPEED RECORDING IN OCEANOGRAPHY (Gerät zur Schnellregistrierung in der Ozeanographie) tr. by D. A. Sinclair. 1963, 20p. 8 refs. NRCC Technical trans. 1062.
Order from NRCC $1.00 NRCC C-4295

Trans. of Z[eitschrift für] Angew[andte] Physik (West Germany) 1957, v. 9, no. 10, p. 505-513.

DESCRIPTORS: Oceanology, *Oceanographic equipment, *Recording systems, Pressure, Temperature, Resistance thermometers, Manometers, Oscillators, Tests.

(Earth Sciences--Oceanography, TT, v. 9, no. 9)

63-12887

I. Hinkelmann, H.
II. NRCC TT-1062
III. NRCC C-4295
IV. National Research Council of Canada

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Kienlin, A.
MAGNETIC MATERIALS WITH PERMINVAR EFFECT. PT. 1. A CONTRIBUTION TO THE UNDERSTANDING OF THE EFFECT AND ITS TEMPERATURE DEPENDENCY. [1961] [19]p. (5 figs. omitted).
Order from SLA $1.60 62-10597

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1957 [v. 9, no. 10] p. 520-[526].

DESCRIPTORS: *Magnetic materials, Magnetic effects, Magnetism, Temperature.

The perminvar effect occurs in spontaneously magnetized materials in which the demagnetized state is a particularly marked, stable state. A directional distribution of spontaneous magnetism existing in the material may be stabilized by diffusion processes, in particular by ordering processes, if the processes take place below the Curie-temperature and have the effect (Physics--Magnetism, TT, v. 8, no. 1) (over)

62-10597

1. Title: Perminvar
I. Kienlin, A.
II. Title: Contribution...

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Geist, D. and Preuss, E.
ETCHING AND POLISHING OF GERMANIUM SURFACES (Ätzen und Polieren von Germaniumoberflächen). [1961] [22]p. (foreign text included) 8 refs.
Order from SLA $2.60 61-18623

Trans. of Zeitschr[ift] f[ür] Angew[andte] Physik (West Germany) 1957, v. 9, no. 10, p. 526-531.

DESCRIPTORS: *Photoengraving, *Germanium, *Surfaces, Lattices, Single crystals, Deformation, Plasticity, Crystal structure, Dislocations.

(Physics--Solid State, TT, v. 6, no. 9)

61-18623

I. Geist, D.
II. Preuss, E.

185457

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APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Joos, Peter.
THE MICROHARDNESS OF GLASS SURFACES (Über die Mikrohärte von Glasoberflächen). [1962] [20]p. (foreign text included) 26 refs.
Order from SLA $1.60 62-16409

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1957, v. 9, no. 11, p. 556-561.

DESCRIPTORS: *Glass, *Hardness, *Microstructure, *Deformation, Thickness, High temperature research, *Vacuum furnaces, Water, Adsorption, Absorption, Density, Plasticity.

(Materials--Ceramics, TT, v. 8, no. 7)

62-16409

I. Joos, P.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Microhardness Of Glass Surfaces by P. Joos.

GERMAN, per; ~~Vol IX, No 2, 1957,~~ Z Angew Physik pp 556-561

CSIRO

Oct 62

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Görlich, P., Krohs, A. and others.
SERIALLY PRODUCED IMAGE TUBES AND POSSIBILITY OF DEFINING THEIR BEAM AMPLIFICATION EFFECT. [1963] [18]p. 9 refs.
Order from SLA $1.60 63-14683

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1957, v. 9, no. 11, p. 501-506.

DESCRIPTORS: *Image tubes, Beams (Electromagnetic), Amplifiers, Microscopy, Effectiveness, Image intensifiers (Electronics), Optical equipment components.

Image tubes of types BW 55, BW 555 and BW 3(QS developed for series production are discussed. In order to define the image tubes as to their efficiency, a definition is given of an image tube constant, the amplification factor. The use of image tubes in microscopy and voltage optics is described. (Author)

63-14683

1. Görlich, P.
II. Krohs, A.

(Engineering--Electronic, TT, v. 10, no. 4)
Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Further Effective Cross-Sections in Collisions Between Neutrons, by H. Pauly.
GERMAN, per, Z fuer Angewandte Physik, Vol IX, 1957, pp 600-606.
NASA TT F-9166

Sci-Phys
Jan 65
U.S. GOVERNMENT ONLY

270,982

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

PARTIAL PRESSURE ANALYSES OF THE FINAL PRESSURE OF OIL DIFFUSION PUMPS BY THE OMEGATRON, BY G. REICH, H. O. MOLLER, 15 PP.

GERMAN, PER, Z. FUER ANGEW PHYSIK, VOL IX, NO 12, 1957. PP 617-621. 1008396

AEC UCRL TR-700

SCI - PHYS

NOV61 173,209

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Theory of Interference Modulation [illegible]
Beam Interference, by L. Genzel, R. Weber,
21 pp.

GERMAN, per, Z fuer Angewandte Physik,
Vol X, No 3, 1957, pp 127-135.

Amer Meteorol Soc
At Cambridge Res Center

Sci - Phys

Aug 60

621, 3'0'2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Fractionation and Outgassing in Oil Diffusion Pumps, by W. Bachler.

GERMAN, per, Z. fuer Angewandte Physik, Vol XI, No 12, 1957, pp 611-616.

CSIRO

Sci - Engr
Jul 62

213, 485

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Multi-Circuit Resonance Absorbers for Electromagnetic Centimeter Waves, by H. J. Schmitt, W. Puttermenger, 25 pp.

GERMAN, per, Z. Fuer Angewandte Physik, Vol X, No 1, 1958, pp 1-7.

SLA-61-16423

Sci - Phys

175,074

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Pottel, Reinhard.
THE ABSORPTION OF ELECTROMAGNETIC CENTIMETER WAVES IN ARTIFICIALLY ANISOTROPIC MEDIA. [1961] 31p. 15 refs.
Order from SLA $3.60 61-16098

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1958, v. 10, no. 1, p. 8-16.

DESCRIPTORS: *Electromagnetic waves, Absorption, Ferromagnetic materials.

(Physics--Wave Propagation, TT, v. 6, no. 3)

61-16098

I. Pottel, R.

175238

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

The Propagation of Electric Waves in a Magnetic Field Along a Plasma Layer Bounded by a Dielectric, by Winfried Otto Schumann, 16 pp.
GERMAN, per, Z fuer Angewandte Physik, Vol X, No 1, 1958, pp 26-31. 9695563
Amer Meteorol Soc
T-G-226

Sci - Elec
Jan 65 270,917

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

Difinition and Measurement Of Unsharpness In X-ray Photographs by R. Rohler.

GERMAN, per, Zietschrift Fur Angewandte Physik, Vol X, No 1, ~~1958, pp 43-47~~

CSIRO

Oct. 52

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

APPROVED FOR RELEASE: Thursday, May 16, 2002 CIA-RDP84-00581R000401250004-2

An X-Band Spectrometer for
Detection of Paramagnetic Resonances,
by H. Stieler.
GERMAN, per, Zeit Angew Phys, Vol X,
No 2, 1958, pp 89-95.
NASA TT F-9710

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